# RF Exposure Evaluation Report

| | | |
|---|---|---|
| **Product** | : | Sport Earbuds |
| **Trade mark** | : | Walker's |
| **Model/Type reference** | : | GWP-DSRPT |
| **Serial Number** | : | N/A |
| **Report Number** | : | EED32P80349003 |
| **FCC ID** | : | 2AU3A-DSRPT |
| **Date of Issue** | : | Apr. 06, 2023 |
| **Test Standards** | : | 47 CFR Part 1.1307<br>47 CFR Part 2.1093<br>KDB447498D01 General RF Exposure Guidance v06 |
| **Test result** | : | PASS |

Prepared for:

**Good Sportsman Marketing.LLC**
**5250 Frye Road Irving.TX 75061**

Prepared by:

**Centre Testing International Group Co., Ltd.**
**Hongwei Industrial Zone, Bao'an 70 District,**
**Shenzhen, Guangdong, China**
**TEL: +86-755-3368 3668**
**FAX: +86-755-3368 3385**

| | | | |
|---|---|---|---|
| Compiled by: | mark.chen. | Reviewed by: | Tom Chen |
| | Mark Chen | | Tom Chen |
| Approved by: | Aaron Ma | Date: | Apr. 06, 2023 |
| | Aaron Ma | | |

Check No.: 1211150323

# 1 Version

| Version No. | Date | Description |
|---|---|---|
| 00 | Apr. 06, 2023 | Original |
| | | |
| | | |

# 2 Contents

# 3 General Information

## 3.1 Client Information

| | |
|---|---|
| Applicant: | Good Sportsman Marketing.LLC |
| Address of Applicant: | 5250 Frye Road Irving.TX 75061 |
| Manufacturer: | Good Sportsman Marketing.LLC |
| Address of Manufacturer: | 5250 Frye Road Irving.TX 75061 |
| Factory: | Concord Intelligent Technology (Huizhou) Ltd. |
| Address of Factory: | 25, Ping An Rd, Shuikou Street, Hui Cheng District, Huizhou City, Guangdong Province, China |

## 3.2 General Description of EUT

| | |
|---|---|
| Product Name: | Sport Earbuds |
| Model No.(EUT): | GWP-DSRPT |
| Trade mark: | Walker's |
| Product Type: | ☐ Mobile ☒ Portable ☐ Fix Location |
| Power Supply: | DC 3.7V |
| Test Voltage: | DC 3.7V |
| Sample Received Date: | Mar. 15, 2023 |
| Sample tested Date: | Mar. 15, 2023 to Mar. 21, 2023 |
| Remark:<br>Company Name and Address shown on Report, the sample(s) and sample Information were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.<br>During the test, the data was showed in all modes, only the worst case left ear was recorded in the report. | |

## 3.3 General Description of BLE

| | |
|---|---|
| Operation Frequency: | 2402MHz~2480MHz |
| Modulation Type: | GFSK |
| Transfer Rate: | ☒ 1Mbps ☒ 2Mbps |
| Number of Channel: | 40 |
| Antenna Type: | LDS Antenna |
| Antenna Gain: | Left ear : -0.31 dBi<br>Right ear : -0.29 dBi |

## 3.4 General Description of BT Classic

| | |
|---|---|
| Operation Frequency: | 2402MHz~2480MHz |
| Modulation Technique: | Frequency Hopping Spread Spectrum(FHSS) |
| Modulation Type: | GFSK, π/4DQPSK, 8DPSK |
| Number of Channel: | 79 |
| Hopping Channel Type: | Adaptive Frequency Hopping systems |
| Antenna Type: | LDS Antenna |
| Antenna Gain: | Left ear : -0.31 dBi<br>Right ear : -0.29 dBi |

## 3.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164

## 3.6 Deviation from Standards

None.

## 3.7 Abnormalities from Standard Conditions

None.

## 3.8 Other Information Requested by the Customer

None.

# 4 SAR Evaluation

## 4.1 RF Exposure Compliance Requirement

### 4.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation[17]

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

### 4.1.2 EUT RF Exposure

**1) For BLE**

**Measurement Data:**

**The Ear L for 1M of data is worst,only the worst case is recorded in the report.**

| GFSK mode | | | | |
|---|---|---|---|---|
| Test channel | Peak Output Power (dBm) | Tune up tolerance (dBm) | Maximum tune-up Power | |
| | | | (dBm) | (mW) |
| Lowest(2402MHz) | 0.84 | 1.0±1 | 2.0 | 1.585 |
| Middle(2440MHz) | 1.22 | 1.0±1 | 2.0 | 1.585 |
| Highest(2480MHz) | 1.52 | 1.0±1 | 2.0 | 1.585 |

| Worst case: GFSK | | | | | | |
|---|---|---|---|---|---|---|
| Channel | Maximum Peak Conducted Output Power (dBm) | Tune up tolerance (dBm) | Maximum tune-up Power | | Calculated value | Exclusion threshold |
| | | | (dBm) | (mW) | | |
| Lowest (2402MHz) | 0.84 | 1.0±1 | 2.0 | 1.585 | 0.499 | 3.0 |
| Middle (2440MHz) | 1.22 | 1.0±1 | 2.0 | 1.585 | 0.499 | |
| Highest (2480MHz) | 1.52 | 1.0±1 | 2.0 | 1.585 | 0.499 | |
| Conclusion: the calculated value ≤3.0, SAR is exempted. | | | | | | |

Remark: The Max Conducted Peak Output Power data refer to report Report No.: EED32P80349001.

**2) For BT Classic**

**Measurement Data**

**The Ear L of data is worst,only the worst case is recorded in the report.**

| GFSK mode | | | | |
|---|---|---|---|---|
| Test channel | Peak Output Power (dBm) | Tune up tolerance (dBm) | Maximum tune-up Power | |
| | | | (dBm) | (mW) |
| Lowest(2402MHz) | 0.95 | 1.0±1 | 2.0 | 1.585 |
| Middle(2441MHz) | 1.27 | 1.0±1 | 2.0 | 1.585 |
| Highest(2480MHz) | 1.59 | 1.0±1 | 2.0 | 1.585 |
| π/4DQPSK mode | | | | |
| Test channel | Peak Output Power (dBm) | Tune up tolerance (dBm) | Maximum tune-up Power | |
| | | | (dBm) | (mW) |
| Lowest(2402MHz) | 0.47 | 1.0±1 | 2.0 | 1.585 |
| Middle(2441MHz) | 0.83 | 1.0±1 | 2.0 | 1.585 |
| Highest(2480MHz) | 1.14 | 1.0±1 | 2.0 | 1.585 |
| 8DPSK mode | | | | |
| Test channel | Peak Output Power (dBm) | Tune up tolerance (dBm) | Maximum tune-up Power | |
| | | | (dBm) | (mW) |
| Lowest(2402MHz) | 1.04 | 1.0±1 | 2.0 | 1.585 |
| Middle(2441MHz) | 1.36 | 1.0±1 | 2.0 | 1.585 |
| Highest(2480MHz) | 1.7 | 1.0±1 | 2.0 | 1.585 |

| Worst case: 8DPSK | | | | | | |
|---|---|---|---|---|---|---|
| Channel | Maximum Peak Conducted Output Power (dBm) | Tune up tolerance (dBm) | Maximum tune-up Power | | Calculated value | Exclusion threshold |
| | | | (dBm) | (mW) | | |
| Lowest (2402MHz) | 1.04 | 1.0±1 | 2.0 | 1.585 | 0.499 | 3.0 |
| Middle (2441MHz) | 1.36 | 1.0±1 | 2.0 | 1.585 | 0.499 | |
| Highest (2480MHz) | 1.7 | 1.0±1 | 2.0 | 1.585 | 0.499 | |
| Conclusion: the calculated value ≤3.0, SAR is exempted. | | | | | | |

Remark: The Max Conducted Peak Output Power data refer to report Report No.: EED32P80349002.

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

*** End of Report ***